



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Joel A. KUBBY et al.

Application No.: 10/721,849

Filed: November 25, 2003

Docket No.: 108757.01

For: MONOLITHIC RECONFIGURABLE OPTICAL MULTIPLEXER SYSTEMS AND METHODS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

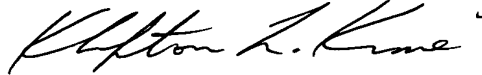
Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. The present application was filed or entered the U.S. National Stage of the PCT after June 30, 2003. In accordance with the June 11, 2003, Notice waiving the requirements of 37 C.F.R. §1.98(a)(2)(i), copies of any U.S. patents and patent application publications are not attached.

- ☒ 3. The reference(s) was/were cited by or submitted to the Office in parent application No. 09/986,395, filed November 18, 2001, which is relied upon for an earlier filing date under 35 U.S.C. §120. Thus, copies of these references are not attached. 37 CFR §1.98(d).

Respectfully submitted,



James A. Oliff
Registration No. 27,075

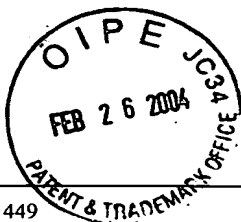
Klifton L. Kime
Registration No. 42,733

JAO:KLK/kzb

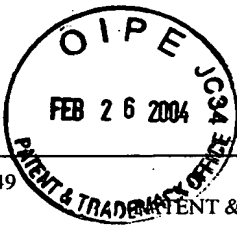
Date: February 26, 2004

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 108757.01		APPLICATION NO. 10/721,849	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Joel A. KUBBY et al.			
				FILING DATE November 25, 2003			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
		5,612,815	03/18/1997	Labeye et al.			
		5,002,350	03/26/1991	Dragone			
		5,002,354	03/26/1991	Koai			
		5,261,015	11/09/1993	Glasheen			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
		Cornel Marxer et al., "Micro-Opto-Mechanical 2 X 2 Switch for Single-Mode Fibers Based on Plasma-Etched Silicon Mirror and Electrostatic Actuation", Journal of Lightwave Technology, Vol. 17, No. 1, January 1999					
		Shi-Sheng Lee et al., "Free-Space Fiber-Optic Switches Based on MEMS Vertical Torsion Mirrors", Journal of Lightwave Technology, Vol. 17, No. 1, January 1999					
		Hiroshi Toshiyoshi et al., "Electrostatic Micro Torsion Mirrors for an Optical Switch Matrix", Journal of Microelectromechanical Systems, Vol. 5, No. 4, December 1996					
		Hiroshi Toshiyoshi et al., "Electromagnetic Torsion Mirrors for Self-Aligned Fiber-Optic Crossconnectors by Silicon Micromachining", IEEE Journal of Selected Topics in Quantum Electronics, Vol. 5, No. 1, January/February 1999					
		L. Y. Lin et al., "Free-Space Micromachined Optical Switches for Optical Networking", IEEE Journal of Selected Topics in Quantum Electronics, Vol. 5, No. 1, January/February 1999					
		A. Azzam Yasseen et al., "A Rotary Electrostatic Micromotor 1 X 8 Optical Switch", IEEE Journal of Selected Topics in Quantum Electronics, Vol. 5, No. 1, January/February 1999					
		Joseph E. Ford et al., "Wavelength Add-Drop Switching Using Tilting Micromirrors", Journal of Lightwave Technology, Vol. 17, No. 5, May 1999					
		B. Jalali et al., "Advances in Silicon-on-Insulator Optoelectronics", IEEE Journal of Selected Topics in Quantum Electronics, Vol. 4, No. 6, November/December 1998					
		M.R.T. Pearson et al., "Arrayed waveguide grating demultiplexers in silicon-on-insulator", Ontario, Canada					
		E. Ollier et al., "Micro-opto mechanical switch integrated on silicon", Electronics Letters, Vol. 31, No. 23, November 1995					
		E. Ollier et al., "Integrated electrostatic micro-switch for optical fibre networks driven by low voltage", Electronics Letters, Vol. 32, No. 21, October 1996					
		Terry T. H. Eng et al., "Micromechanical Optical Switching with Voltage Control Using SOI Movable Integrated Optical Waveguides", IEEE Photonics Technology Letters, Vol. 7, No. 11, November 1995					
		"Arrayed Waveguide Grating Multiplexer/Demultiplexer", Lucent Technologies, January 2000					
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	Application No. 09/467,526	12/21/1999	Kubby et al.	438	52
	Application No. 09/468,423	12/21/1999	Kubby et al.	257	415
	Application No. 09/468,141	12/21/1999	Kubby et al.	216	41
	Application No. 09/467,185	12/20/1999	Kubby et al.	356	328
	Application No. 09/467,184	12/20/1999	Kubby et al.	356	31
	Application No. 09/467,482	12/20/1999	Kubby et al.	438	22
	Application No. 09/718,017	11/20/2000	Lin	438	459
	Application No. 09/844,574	04/30/2001	Chen et al.	385	48

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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		US 2001/0031113 A1	10-2001	Frish et al.	385	24
		US 6,363,183 B1	03-2002	Koh	385	19
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